| Index of Claims | Application No.  | Applicant(s) |  |  |  |  |  |  |  |
|-----------------|------------------|--------------|--|--|--|--|--|--|--|
|                 | 09/770,804       | DENT ET AL.  |  |  |  |  |  |  |  |
|                 | Examiner         | Art Unit     |  |  |  |  |  |  |  |
|                 | Tesfaldet Bocure | 2631         |  |  |  |  |  |  |  |

|          |                   | ) 3               |              |          |          | -        |          | <b>(T</b> | hrou<br>Ca | gh i     | nu         | me<br>id     | ral)      | )            |         | N            | 2       | on-       | ·Ele         | ecl          | ted       |          | A         |                 | A          | фр           | ea       | l<br>    |           |          |          |                      |          |          |   |
|----------|-------------------|-------------------|--------------|----------|----------|----------|----------|-----------|------------|----------|------------|--------------|-----------|--------------|---------|--------------|---------|-----------|--------------|--------------|-----------|----------|-----------|-----------------|------------|--------------|----------|----------|-----------|----------|----------|----------------------|----------|----------|---|
|          |                   | =                 | A            | Jio      | we       | d        |          |           | +          |          | Restricted |              |           |              |         |              |         |           | Ŀ            | Interference |           |          |           | IC <del>O</del> | ₽          |              | Objected |          |           |          |          |                      |          | ŕ        |   |
| Cla      | im                |                   |              | _        |          | Date     | =        |           |            |          |            | Cl           | aim       | Γ            |         | _            |         | Dat       | e            |              | _         |          |           | CI              | aim        | Г            |          |          |           | Date     | -        |                      |          | $\Box$   |   |
| Final    | Original          | 118/04            |              |          |          |          |          |           |            |          |            | Final        | Original  | 10/18/04     | 3       |              |         |           |              |              |           |          |           | Final           | Original   |              |          |          |           |          |          |                      |          |          |   |
|          |                   | _                 | L            |          |          |          |          |           |            | Ш        |            |              | 1         | ┺            | 4-      | $\downarrow$ | 1       | ╀         | L            | Ш            | $\sqcup$  | _        | . "       | _               | 101        | $\sqcup$     |          | _        | 4         |          | L        | Н                    | _        | _        |   |
|          | $\binom{1}{2}$    | 7                 | ┝            | H        | _        | _        | Н        |           |            | Н        |            |              | 51<br>(52 | H            | +       | ╁            | +       | $\vdash$  | ┢            | Н            | $\dashv$  | ᅥ        | :- ;      | $\vdash$        | 102        | $\vdash$     | Н        | ᅥ        |           | Н        | Н        | H                    | 7        |          |   |
|          | 3                 | H                 | ┢            |          |          |          |          |           |            |          | •          |              | 53        |              |         | $\perp$      |         |           |              |              |           |          |           |                 | 103        |              |          |          |           |          |          | $\Box$               |          |          |   |
|          | 4                 | $\prod$           |              |          |          |          |          |           |            |          |            |              | 34        | Ц            | X.      | 1            | ┸       | ╄         | ┞            | Щ            | $\Box$    | _        |           | <u> </u>        | 104        | Н            | Н        | _        | _         | Н        | L        | Н                    |          | 긕        |   |
| -        | 5                 | Ц.                | L            | -        | Н        |          | Н        |           | Н          | Н        |            |              | 55<br>56  | ¥            | ╬       | ╫            | +       | ╀         | $\vdash$     | Н            |           | $\dashv$ |           | <u> </u>        | 105        | $\vdash$     |          | $\dashv$ | -         |          | -        | $\vdash \vdash$      | ╌╢       |          |   |
| -        | 6                 | ╫                 | $\vdash$     | H        | Н        | Н        | Н        | Н         | <b>—</b>   | Н        |            | _            | 57        | +1           | 1       | +            | ╅       | $\vdash$  | $\vdash$     | H            | $\dashv$  | ᅱ        |           |                 | 107        | H            | Н        | $\dashv$ | $\dashv$  | Н        | $\vdash$ | Н                    |          |          |   |
| -        | 8                 | $\dagger$         |              | $\vdash$ | Н        | Н        | H        | Н         | Н          | П        |            |              | 58        | $\parallel$  | 1       |              |         | 上         |              |              |           | ╛        | ٠.<br>نام |                 | 108        |              |          |          |           |          |          |                      |          |          |   |
|          | 9                 |                   |              |          |          |          |          |           |            |          |            |              | 59        | П            | I       | Ţ            | I       | L         | $\Box$       | $\Box$       |           |          |           |                 | 109        | $\Box$       | Ц        |          |           | Ц        | Ĺ        | Ш                    |          | _        |   |
|          | 10                | Ц                 | 匚            |          | Д        |          | Ц        | Ц         |            | Ц        |            |              | 60        | $\mathbb{H}$ | #       | +            | +       | $\perp$   | ـ            | Н            | Н         | 4        | į.        | <u> </u>        | 110        | $\vdash$     | Н        | $\dashv$ |           | Н        | $\vdash$ | $\vdash$             |          | ᅱ        |   |
|          | 11                | H                 | -            |          | Н        | Н        | $\vdash$ | Н         | <u> </u>   | Н        |            | ├            | 61<br>62  | Н            | +       | +            | +       | ╁         | ╀            | Н            | Н         | $\dashv$ | :         | $\vdash$        | 111        | $\vdash$     | Н        | $\dashv$ | $\dashv$  | H        | $\vdash$ | H                    | $\dashv$ | $\dashv$ |   |
| <b>—</b> | 12<br>13          | Н                 | $\vdash$     | H        | Н        | -        | $\vdash$ | Н         | Н          | Н        |            | -            | 63        | H            | 上       | +            | +       | 十         | 一            | H            | $\exists$ | ᅱ        |           | $\vdash$        | 113        | Н            | H        | H        | $\exists$ | Н        | Т        | Н                    | Н        | ╛        |   |
|          | 14                | H                 | H            | H        | Н        | Н        | Н        | Н         | Н          | Н        | -          | <del>-</del> | 64        | 1            | T       | $\top$       | T       | T         |              |              |           | ╛        | • 4       |                 | 114        |              |          |          |           |          |          |                      |          |          |   |
|          | 15                | 口                 |              |          |          |          |          |           |            |          |            |              | 65        | I            | I       | I            | 1       | I         |              |              |           | $\Box$   |           |                 | 115        |              |          |          |           |          |          |                      | Ц        | Ц        |   |
|          | 16                | П                 | 匚            |          |          |          | П        |           |            |          |            |              | 66        | L            | $\perp$ | 4            | +-      | $\bot$    | $\vdash$     | Н            | Ц         | ᅴ        | 5         | <u> </u>        | 116        | <del> </del> | <u> </u> | _        | _         | H        | ├—       | $\vdash \vdash$      | Н        | $\dashv$ |   |
|          | 17                | Н                 | -            | L        | H        | $\vdash$ | Н        | Н         | L          | Н        |            | <u> </u>     | 67<br>68  | +            | +       | +            | +       | +         | -            | Н            | $\vdash$  | $\dashv$ |           | <del> </del>    | 117<br>118 | -            | Н        | Н        |           | H        | $\vdash$ | ${oldsymbol{arphi}}$ | Н        | $\dashv$ |   |
| $\vdash$ | 18<br>19          | Н                 | $\vdash$     | $\vdash$ | $\vdash$ | ┝        | $\vdash$ | Н         | ┝          | Н        |            | _            | 69        | +            | +       | +            | +       | ╁╴        | 十            | Н            | $\vdash$  | $\dashv$ | Ţ         | $\vdash$        | 119        |              | Н        | $\vdash$ |           | Н        |          | H                    | Н        |          |   |
| <b>—</b> | 20                | H                 | -            | ┢        | H        | Η,       | $\vdash$ | Н         | -          |          |            | _            | 70        |              | T       | T            |         | T         | T            |              |           |          | , ve      |                 | 120        |              |          |          |           |          |          |                      |          |          |   |
|          | 21                | П                 |              |          |          |          |          |           |            |          | -          |              | 71        | T            | I       | $\perp$      | $\perp$ | L         |              | П            |           | $\Box$   |           |                 | 121        |              |          |          | _         | Щ        | L        | ┦                    | Н        |          |   |
|          | 22                | Ц                 |              |          | L        |          |          |           | L          | _        | ľ          | <u> </u>     | 72        |              | +       | -            | +       | ╀         | ╄            | Н            |           | $\dashv$ | : .}      |                 | 122<br>123 | $\vdash$     | H        |          | _         | -        | -        | $\vdash \vdash$      | Н        | $\dashv$ |   |
| -        | 23<br>24          | ₩                 | ⊢            | ┝        | $\vdash$ | ⊢        | <b>.</b> | -         | -          | H        |            |              | 73<br>74  |              | ╫       | +            | ╁       | +         | +-           | Н            |           | ┨        | · Ìş      |                 | 124        | $\vdash$     | Н        | $\dashv$ | _         | Н        | $\vdash$ | Н                    | -        | $\dashv$ |   |
| <b>!</b> | 25                | ╫                 | ┢            | $\vdash$ | $\vdash$ | ┝        |          | -         | $\vdash$   | $\vdash$ | 1          | <b>—</b>     | 75        |              | +       | +            | +       | +         | $\vdash$     | Н            |           | _        |           |                 | 125        | 1            |          |          |           |          |          |                      |          |          |   |
|          | 26                | Ħ                 | T            |          | Г        |          |          |           |            |          |            |              | 76        | Ι            | I       | 1            |         |           |              |              |           |          |           |                 | 126        |              |          |          |           |          |          | $\square$            |          |          |   |
|          | 27                | П                 |              |          |          |          |          |           |            |          |            |              | 77        |              | 1       | ┸            | 1       | 1         | ╄            | Ш            |           |          | . :       |                 | 127        | ╄            |          |          |           | <u> </u> | <u> </u> | $\sqcup$             |          | -        |   |
|          | 28                | П                 | L            |          | Ш        | L.       | _        | _         | <u> </u>   | <b>.</b> | ŀ          |              | 78        |              | +       | +            | +       | +         | ╀            | Н            | Ш         | $\dashv$ | -:        |                 | 128<br>129 |              | $\vdash$ | Н        | _         | -        | -        | ₩                    |          | $\vdash$ |   |
| -        | 29<br>30          | #                 | <del> </del> | -        | $\vdash$ | $\vdash$ | -        | $\vdash$  | ┝          | H        | ĺ.         | $\vdash$     | 79<br>80  |              | +       | +            | ╁       | +         | ╁            | Н            | Н         | Н        | a         | -               | 130        |              | Н        | H        |           | $\vdash$ | 一        | Н                    | H        | Н        |   |
| -        | 31                | H                 | -            | Ι-       | $\vdash$ | $\vdash$ | $\vdash$ | H         | ┢          | $\vdash$ |            | $\vdash$     | 81        |              | +       | 十            | +       | 十         | 十            | Н            | Н         | Н        |           |                 | 131        |              |          |          |           |          |          | Г                    |          |          |   |
|          | 32                | $\dagger \dagger$ | Т            | Т        |          |          |          |           | L          |          | ĺ          |              | 82        | T            | 1       | I            | I       | I         |              |              |           |          |           |                 | 132        |              |          |          |           |          |          | $\Box$               |          |          |   |
|          | 33<br>(34)        | Ē                 |              |          |          |          |          |           |            |          |            |              | 83        |              | Ţ       | $\bot$       | $\bot$  | Ļ         | <del> </del> | $\sqcup$     | Ш         | Ц        |           | <u> </u>        | 133        |              | $\vdash$ | Н        | _         | <u> </u> | <b>L</b> | ⊢                    | -        | Н        |   |
|          | ( <del>34</del> ) |                   | _            | L        |          | <b> </b> | ⊢        | <u> </u>  | L          | L        |            | <u> </u>     | 84        |              | +       | +            | +-      | +         | +            | $\vdash$     | Н         | Н        |           | <del> </del>    | 134<br>135 | +            | $\vdash$ | Н        | _         | ┝        | ╁        | $\vdash$             | $\vdash$ | Н        |   |
| -        | 35<br>38          | 1                 | $\vdash$     | $\vdash$ | -        | $\vdash$ | $\vdash$ | -         | $\vdash$   | ┢        | ŀ          | _            | 85<br>86  |              | +       | +            | ╁       | +         | ╁            | $\vdash$     | Н         | $\vdash$ |           | $\vdash$        | 136        |              | Г        | Н        | Н         |          | $\vdash$ | т                    | П        | Н        |   |
|          | 37                |                   | H            | $\vdash$ | -        | ┢        | $\vdash$ | $\vdash$  | $\vdash$   | $\vdash$ | 1          | <del> </del> | 87        |              | +       | +            | +       | T         | t            | Н            |           |          |           |                 | 137        | L            |          |          |           |          |          |                      |          |          |   |
| $\vdash$ | Š                 | j÷                | Τ            | Т        |          |          |          |           | Г          |          |            |              | 88        |              |         |              |         | I         |              |              |           |          |           |                 | 138        |              | 匚        |          |           | 匚        | $\Box$   | igsqcup              |          | Ш        |   |
|          | 39                | 1                 |              |          |          |          |          |           |            |          |            |              | 89        |              | Ţ       | Ţ            | L       | $\bot$    |              | $\perp$      |           | Ц        |           | <u> </u>        | 139        |              | L        | $\vdash$ | _         | <u> </u> | ⊢        | ┾                    | L        | Н        |   |
|          | 40                | $\coprod$         |              | L        | L        | L        | $\vdash$ | L         | L          | $\vdash$ | Ì          | <u> </u>     | 90        |              | +       | +            | +       | +         | ╀            | $\vdash$     | -         | Н        |           |                 | 140        |              | -        | $\vdash$ | -         | $\vdash$ | ┝        | +                    | $\vdash$ | Н        |   |
| -        | 42                | 44                | -            | $\vdash$ | H        | -        | -        | -         | $\vdash$   | -        |            | <u> </u>     | 91        |              | +       | +-           | +       | ╁         | +            | $\vdash$     | H         | Н        |           | -               | 142        |              | Н        | Н        | Н         | Т        | 1        | +                    | $\vdash$ | H        | İ |
|          | 43                | ╫                 | $\vdash$     | ╁╌       | Н        | $\vdash$ | $\vdash$ | $\vdash$  | ┢          | -        |            |              | 93        |              | +       | +            | $\top$  | $\dagger$ | t            | T            | $\vdash$  | М        |           |                 | 143        |              |          |          |           |          |          |                      |          |          | İ |
| 一        | 44                | H                 | t            | $\vdash$ | Т        | Т        | $\vdash$ |           |            |          |            |              | 94        | Ι            | 1       | I            |         | I         |              |              |           |          | ٠.        |                 | 144        |              |          |          |           |          |          | 匚                    |          | Ц        |   |
|          | 45                | I                 |              |          |          |          |          |           |            |          |            |              | 95        |              | T       | T            | T       |           | Γ            |              |           |          |           |                 | 145        |              |          |          |           | L        | _        | +                    | -        | Н        |   |
|          | 46                | П                 |              |          |          |          |          |           |            | L        |            | <u> </u>     | 96        |              | +       | +            | +       | +         | +            |              | -         | Н        |           | -               | 146        |              | -        | $\vdash$ | _         | $\vdash$ | ┢        | +                    |          | H        |   |
| -        | 47                | #                 | $\vdash$     | -        | -        | $\vdash$ | H        | $\vdash$  | -          | $\vdash$ |            | -            | 97<br>98  |              | +       | +            | +       | +         | +            | $\vdash$     | -         | Н        |           | $\vdash$        | 148        |              | $\vdash$ | $\vdash$ | _         | H        | H        | T                    | $\vdash$ | $\vdash$ |   |
| -        | 48<br>49          | ╫                 | $\vdash$     | ╁╌       | ┝        | H        | $\vdash$ | $\vdash$  | ┢          | $\vdash$ | -          | $\vdash$     | 99        |              | +       | +            | +       | †         | +            | $\vdash$     | $\vdash$  | H        |           |                 | 149        |              |          |          |           |          |          |                      |          |          | İ |
|          | 50                | 1                 | T            |          |          |          |          |           |            |          |            |              | 100       |              | 1       | 1            | 1       |           |              | $\Box$       |           |          |           |                 | 150        |              |          |          |           |          |          | 匚                    |          | Ľ        | j |